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Fig 1

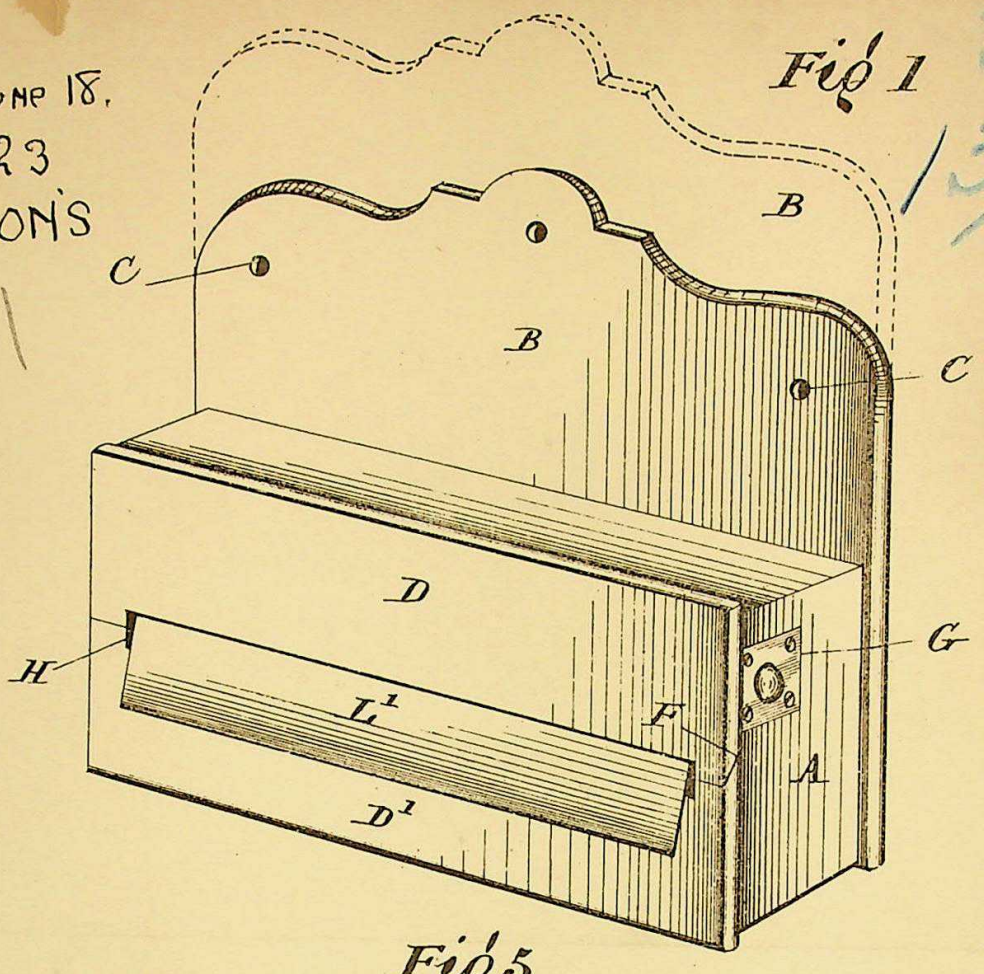


Fig 5

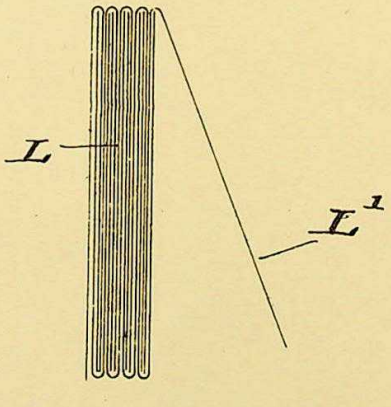


Fig 3

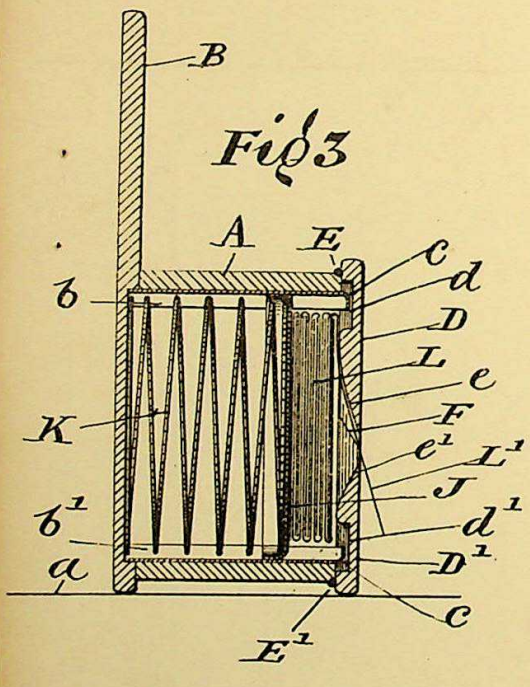


Fig 4

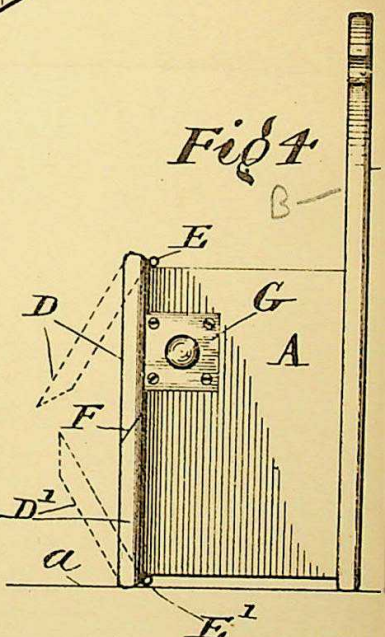
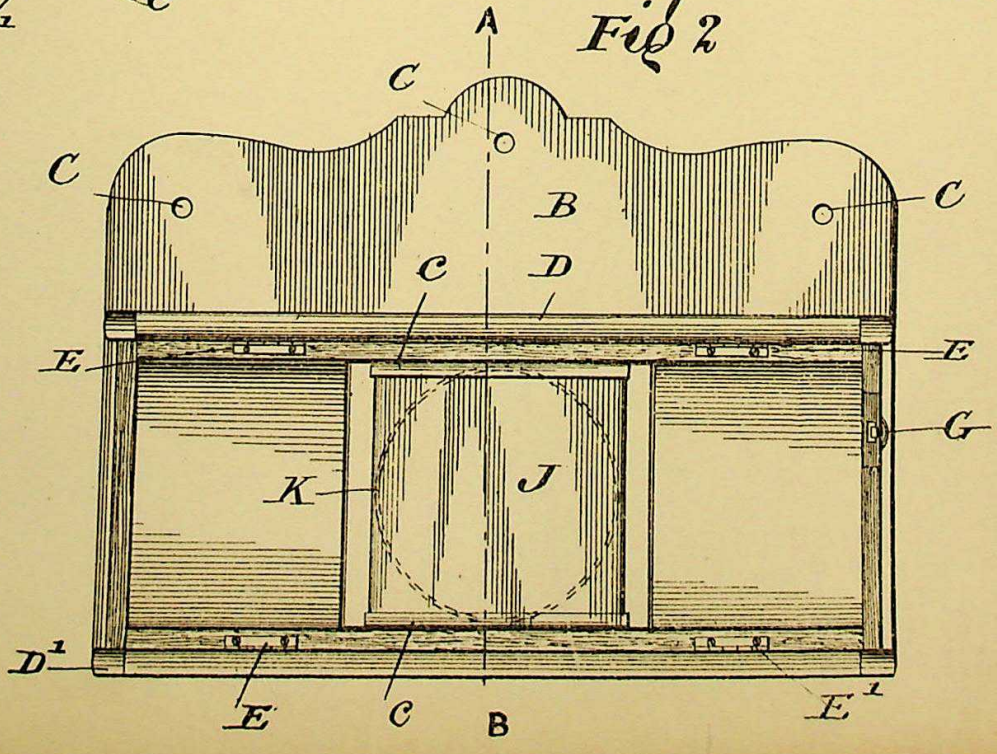


Fig 2



N° 13,623 A.D. 1898

Date of Application, 18th June, 1898—Accepted, 23rd July, 1898

DUPLICATE

COMPLETE SPECIFICATION.

An Improved Box or Holder for Containing and Automatically Delivering Circulars and other Papers.

I, EMILY LAMB ANDERSON, of "The Firs," Highwood Hill, Mill Hill, London, W., Married Woman, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

My invention relates to an improved apparatus for containing and automatically delivering such articles as circulars, hand-bills, railway and other companies time-bills and excursion notices and like single sheet pamphlets and toilet-papers, the object of my said invention being to prevent waste of such papers or pamphlets by providing means by which they can be withdrawn from the said box or container only one at a time.

In order that my said invention and the manner of its operation for the purposes stated may be fully understood, I have hereunto appended a sheet of drawings, of which,

Fig. 1 is a perspective view of my invention as it would appear when in use.

Fig. 2 is a front elevation of same when empty and with the flaps or lids thereof standing open at right angles to the back.

Fig. 3 is a vertical section taken upon the line A B of Fig. 2 and viewed from left to right.

Fig. 4 is an end view of same as viewed from right to left of Fig. 1.

Fig. 5 is a diagram illustrating the manner of folding the said circulars or the like before placing them in the box, the method of folding the said circulars or the like forming no part of my invention.

My invention consists of a preferably rectangular oblong wood or other box A, the back of which B is extended in height above A sufficiently to provide holes such as C, by means of which the whole may be suspended upon a wall or other vertical surface, but if desired the same instead of being so suspended may be stood upon a shelf or other flat horizontal surface as suggested by the lines *a* in Figs. 3 and 4. The said box has a lid or lids flap or flaps or cover, which may be in one piece and hinged to the box A, but for preference I divide this into two equal portions D and D^1, connected to A by the means of hinges E and E^1 respectively, the free edges of which are preferably tapered in opposite directions so as to form a diagonal or oblique junction F when closed, as shewn in Figs. 1, 3 and 4, this arrangement being desirable in order that one spring catch, lock, or other suitable fastening G may, by securing the portion D also secure the portion D^1, but if desired the free edges of D and D^1 may be rectangular, and each be provided with its own fastening G, but whichever of these designs I may adopt a certain portion of the longitudinal edges of D and D^1 are cut away to provide a slot H (Fig. 1) through which the circulars or other papers in A may be fed outwardly.

Upon the inside of the box A I provide a rectangular or other shaped metallic or other plate J, of suitable dimensions, which may be the same as that of the entire length and breadth of A, but for preference I arrange this of the same width as A and about one third the length thereof, as shewn in Fig. 2, as I find in practice that this

arrangement offers a less surface for frictional contact with the container A, and yet provides a sufficiently large surface to effect a perfect delivery-feed of the circulars or the like as hereinafter explained. The said plate J is arranged to slide in guides *b* and b^1, (Fig. 3) the outer ends of which are turned over at *c* and c^1 (Figs. 2 and 3) to arrest the outward travel of the said plate, suitable grooves or recesses *d* and d^1 (Fig. 3) being provided in the inner surfaces of D and D^1 for the reception of the said ends *c* and c^1, which obviates the otherwise possibility of the circulars or other papers being delivered from becoming entangled with the said ends.

Behind the plate J I provide a suitable spiral or other spring K (Figs. 2 and 3) the tension or tensions of which would operate to push the plate J towards the closed lids D and D^1, as far as permitted by the ends *c* and c^1.

The circulars, handbills, toilet papers, pamphlets or other single sheets of paper L to be stored in A, would each be folded midway of their length or breadth whichever would correspond nearest to the length of the slot H, the said papers when so folded being placed together in such a way that each one of them receives within its fold one half or section of the papers on either side thereof, while its own two sections are received by and retained within the folds of the said adjoining papers, and so on (as shewn by Fig. 5) for the whole of the papers to be placed within A, the pile so folded being then placed against the plate J, the spring or springs K being placed in a state of compression to permit this, the folding down of the lid D^1 serving to retain the said papers in this position while the lid D is being closed and fastened.

In practice, the outer half or section of the first paper of the series so placed in A, would, before closing down the second lid D, be brought outwardly over the edge of D^1 so that when D is shut down and fastened the said section, or rather a portion thereof, would extend through the slot H, as at Fig. 1, in which the said section is shewn by L^1, as also at Figs. 3 and 5, and when a paper is required the same may be easily withdrawn by a pull imparted to the protruding portion thereof L^1, when, by reason of the inner section of such paper being within the folds of the next paper, such withdrawal of the first paper would pull out through the slot H the first section of the next paper, and so on until the whole of the papers have been withdrawn one at a time, the stock of papers being in the meantime always automatically fed up to the slot H by the power of the spring or springs K, during which the paper nearest to the lids would have its first section protruding through the slot H as stated and shewn by Fig. 1.

In order that the papers L may not be ruptured by the hasty or careless removal thereof as stated, the substance of the lids D and D^1 is bevelled, tapered or otherwise sloped at the inner longitudinal sides of the slot H, as shewn by *e* and e^1 in Fig. 3.

I may find it convenient, when large circulars or other papers L are being stored, that, for the purposes of advertisement or otherwise, one of them be pinned or otherwise exposed to view upon the back B, for the purposes of which I may extend the height of B as suggested by dotted outline in Fig. 1.

I am aware that it has hitherto been proposed to fold circulars and other papers in the manner stated so as to engage with each other in zig zag form, and I wish it understood that I do not claim the folding of the papers in this way, and when I do not fold them by hand I may employ the use of such a machine as that described and shewn by the specification and drawings of the Patent No. 18068 of A.D. 1889, therefore,

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what I claim is:—

1st. The box or container for circulars, handbills, toilet papers and the like folded so as to engage with each other in zigzag form, with means for automatically feeding the said folded papers up to the aperture through which the are discharged one at a time, substantially as described and shown.

2nd. In a box or container for delivering one at a time circulars and other papers folded together as at L Fig. 5, the combination of a box such as A, having an extended

back such as B, and enclosed by one or a pair of lids such as D D^1, adapted to be locked when closed together by a catch or the like such as G, and arranged to collectively form a slot such as H, through which the said papers may be delivered one at a time, with means, such as a spring or springs K operating a plate J moving in guides such as *b* b^1 *c* and c^1, for feeding the said papers up to the said slot H, substantially as and for the purposes herein described and shewn by the accompanying drawings.

Dated 18th June 1898.

GEO. THOS. HYDE,
1, Broad Street Buildings, London, E.C., Agent for the Applicant.

Redhill : Printed for Her Majesty's Stationery Office, by Malcomson & Co., Ltd.—1898.